

# Pinxian Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,357  
citations

393982

19  
h-index

360668

35  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global monsoon in a geological perspective. <i>Science Bulletin</i> , 2009, 54, 1113-1136.	4.3	182
2	Major Pleistocene stages in a carbon perspective: The South China Sea record and its global comparison. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	90
3	Thirty million year deep sea records in the South China Sea. <i>Science Bulletin</i> , 2003, 48, 2524-2535.	1.7	75
4	Astronomically modulated Neogene sediment records from the South China Sea. <i>Paleoceanography</i> , 2008, 23, .	3.0	72
5	X-ray fluorescence core scanning records of chemical weathering and monsoon evolution over the past 5 Myr in the southern South China Sea. <i>Paleoceanography</i> , 2011, 26, .	3.0	71
6	Simulation of long eccentricity (400-kyr) cycle in ocean carbon reservoir during Miocene Climate Optimum: Weathering and nutrient response to orbital change. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	65
7	Long-term cycles in the carbon reservoir of the Quaternary ocean: a perspective from the South China Sea. <i>National Science Review</i> , 2014, 1, 119-143.	4.6	62
8	Quaternary upper ocean thermal gradient variations in the South China Sea: Implications for east Asian monsoon climate. <i>Paleoceanography</i> , 2005, 20, n/a-n/a.	3.0	54
9	The South China Sea is not a mini-Atlantic: plate-edge rifting vs intra-plate rifting. <i>National Science Review</i> , 2019, 6, 902-913.	4.6	52
10	Potential role of strike-slip faults in opening up the South China Sea. <i>National Science Review</i> , 2019, 6, 891-901.	4.6	48
11	Cenozoic deformation and the history of sea-land interactions in Asia. <i>Geophysical Monograph Series</i> , 2004, , 1-22.	0.1	46
12	Neogene oxygen isotopic stratigraphy, ODP Site 1148, northern South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 934-942.	0.9	42
13	Sediment mass and distribution in the South China Sea since the Oligocene. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 1147-1155.	0.9	37
14	Transition of Quaternary glacial cyclicity in deep-sea records at Nansha, the South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 926-933.	0.9	35
15	Tracing the life history of a marginal sea—On the South China Sea Deep-Sea Research Program. <i>Science Bulletin</i> , 2012, 57, 3093-3114.	1.7	27
16	A record of Miocene carbon excursions in the South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 943-951.	0.9	26
17	Quaternary clay mineralogy in the northern South China Sea (ODP Site 1146). <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 1223-1235.	0.9	26
18	Sea surface temperature and terrestrial biomarker records of the last 260 ka of core MD05-2904 from the northern South China Sea. <i>Science Bulletin</i> , 2008, 53, 2376-2384.	4.3	26

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19	Coral reef ecosystems in the South China Sea as a source of atmospheric CO <sub>2</sub> in summer. <i>Science Bulletin</i> , 2011, 56, 676-684.	1.7	25
20	Western Pacific in glacial cycles: Seasonality in marginal seas and variabilities of Warm Pool. <i>Science in China Series D: Earth Sciences</i> , 1998, 41, 35-41.	0.9	19
21	Microtektites in the Middle Pleistocene deep-sea sediments of the South China Sea*. <i>Science in China Series D: Earth Sciences</i> , 1999, 42, 531-535.	0.9	19
22	Dole effect as a measurement of the low-latitude hydrological cycle over the past 800 ka. <i>Science Advances</i> , 2020, 6, .	4.7	19
23	Changes in sea surface temperature in western South China Sea over the past 450 ka. <i>Science Bulletin</i> , 2009, 54, 3335-3343.	1.7	17
24	An abrupt cooling event early in the last interglacial in the northern South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 865-870.	0.9	15
25	Calcium carbonate pump during Quaternary glacial cycles in the South China Sea. <i>Science Bulletin</i> , 2003, 48, 1862-1869.	1.7	14
26	Paleoproductivity records for the past 30 ka in the southern Nansha area, the South China Sea. <i>Science Bulletin</i> , 2000, 45, 1227-1230.	1.7	13
27	A high-resolution history of vegetation and climate history on Sunda Shelf since the last glaciation. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 75-80.	0.9	13
28	Stepwise paleoceanographic changes during the last deglaciation in the southern South China Sea Records of stable isotope and microfossils. <i>Science in China Series D: Earth Sciences</i> , 1998, 41, 187-194.	0.9	12
29	Oxygen isotope stratigraphy and events in the northern South China Sea during the last 6 million years. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 952-960.	0.9	12
30	Forcing mechanism of the Pleistocene east Asian monsoon variations in a phase perspective. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 1708-1717.	0.9	12
31	Low-latitude forcing: A new insight into paleo-climate changes. <i>Innovation(China)</i> , 2021, 2, 100145.	5.2	12
32	Age estimation of the mid-Pleistocene microtektite event in the South China Sea: A case showing the complexity of the sea-land correlation. <i>Science Bulletin</i> , 2000, 45, 2277-2280.	1.7	11
33	Global Monsoon across timescales. <i>Climate Dynamics</i> , 2012, 39, 1043-1044.	1.7	11
34	Paleoceanographic evolution recorded in the northern South China Sea since 4 Ma. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 2166-2173.	0.9	10
35	Exploring the deep South China Sea: Retrospects and prospects. <i>Science China Earth Sciences</i> , 2019, 62, 1473-1488.	2.3	10
36	Global monsoon in observations, simulations and geological records. <i>PAGES News</i> , 2009, 17, 82-83.	0.3	9

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37	High-resolution records of thermocline in the Okinawa Trough since about 10000 aBP. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 193-200.	0.9	8
38	Benthic foraminiferal fauna turnover at 2.1 Ma in the northern South China Sea. <i>Science Bulletin</i> , 2007, 52, 839-843.	1.7	8
39	The records of coastline changes reflected by mangroves on the Sunda Shelf since the last 40 ka. <i>Science Bulletin</i> , 2008, 53, 2069-2076.	4.3	8
40	Pleistocene precession forcing of the upper ocean structure variations of the southern South China Sea*. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 1004-1009.	1.8	7
41	Progradation of the Changjiang River delta since the mid-Holocene. <i>Science in China Series B: Chemistry</i> , 2001, 44, 87-91.	0.8	6
42	Carbonate dissolution and deep-water paleoceanography of the South China Sea since the Middle Pleistocene. <i>Science Bulletin</i> , 2001, 46, 1908-1911.	1.7	5
43	Responses of foraminiferal isotopic variations at ODP Site 1143 in the southern South China Sea to orbital forcing. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 943-953.	0.9	5
44	Statistics of sediment mass in the South China Sea: Method and results. <i>Frontiers of Earth Science</i> , 2007, 1, 88-96.	0.5	5
45	A 200-ka carbon isotope record from the South China Sea. <i>Science Bulletin</i> , 2006, 51, 1780-1784.	1.7	4
46	Discovery of Deep-Water Bamboo Coral Forest in the South China Sea. <i>Scientific Reports</i> , 2019, 9, 15453.	1.6	4
47	Linking monsoon systems across timescales. <i>PAGES News</i> , 2011, 19, 86-87.	0.1	4
48	Carbon isotopic record of foraminifers in surface sediments from the South China Sea and its significance. <i>Science Bulletin</i> , 2005, 50, 162-166.	1.7	2
49	New insights into marine basin opening. <i>National Science Review</i> , 2019, 6, 870-870.	4.6	1
50	Global monsoon and ocean drilling. <i>Scientific Drilling</i> , 0, 24, 87-91.	1.0	1
51	PALEO-MONSOON EVOLUTION AND VARIABILITY DERIVED FROM DEEP-SEA SEDIMENTS. <i>Monsoon Asia Integrated Regional Study on Global Change</i> , 2008, , 39-57.	0.0	0